

FIG. 1
 (PRIOR ART)

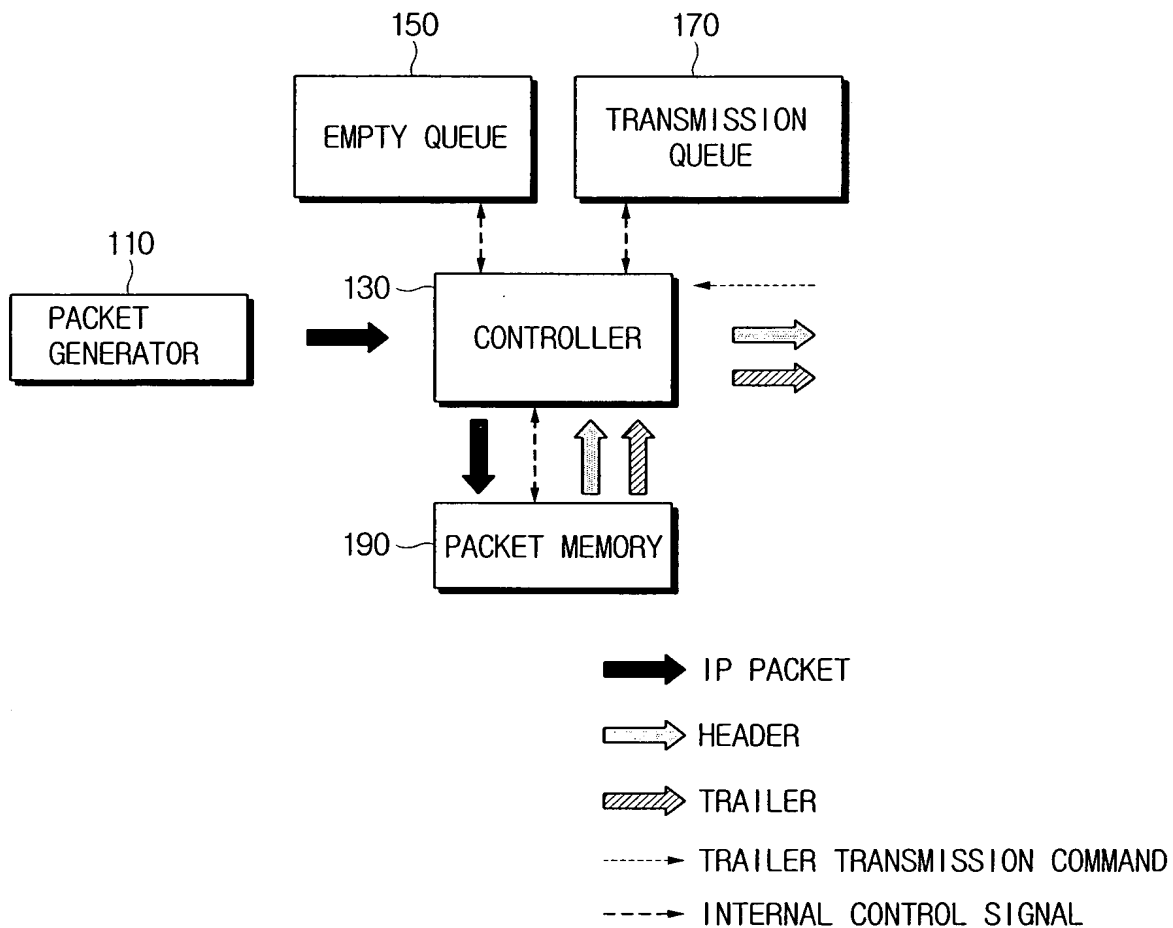


FIG. 2
(PRIOR ART)

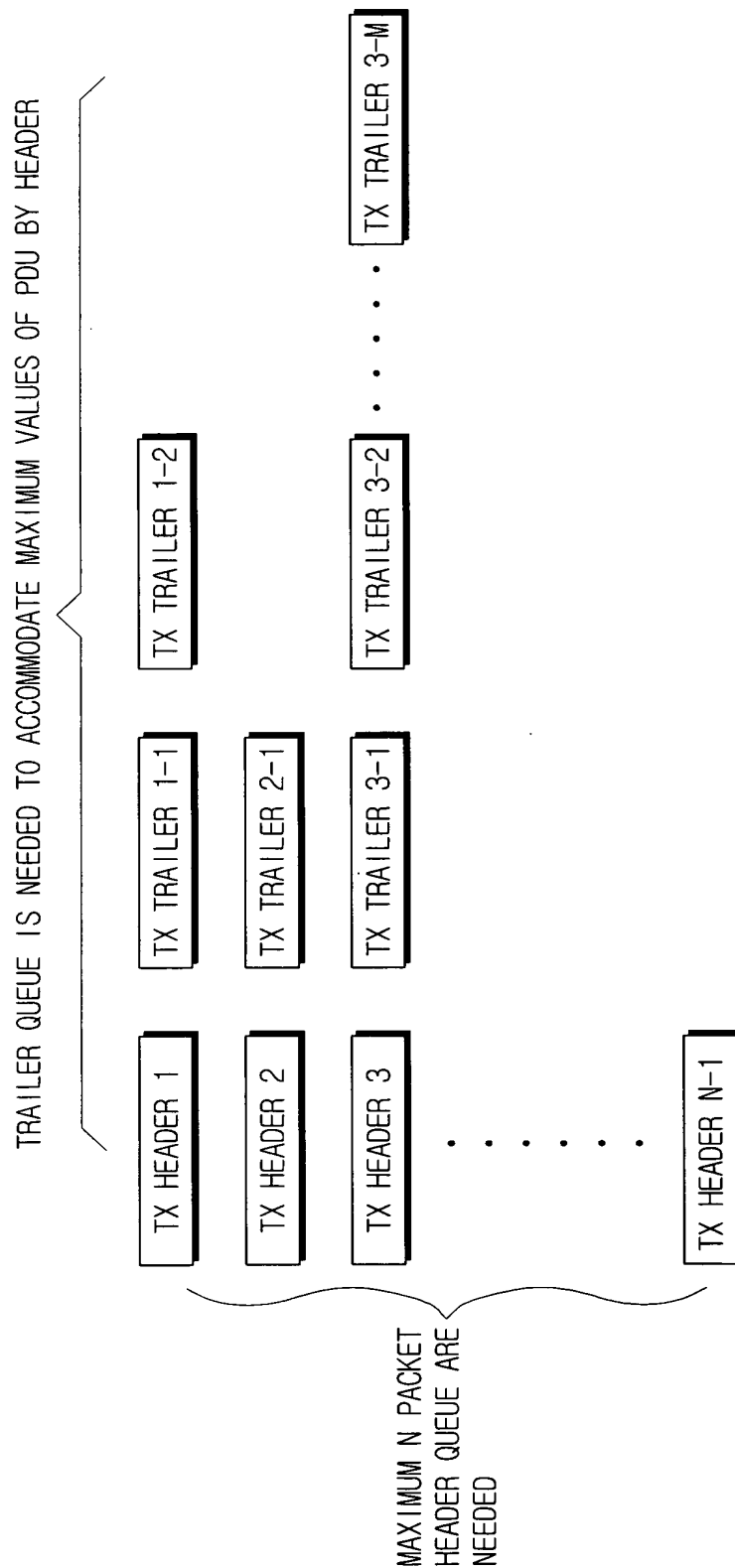


FIG. 3

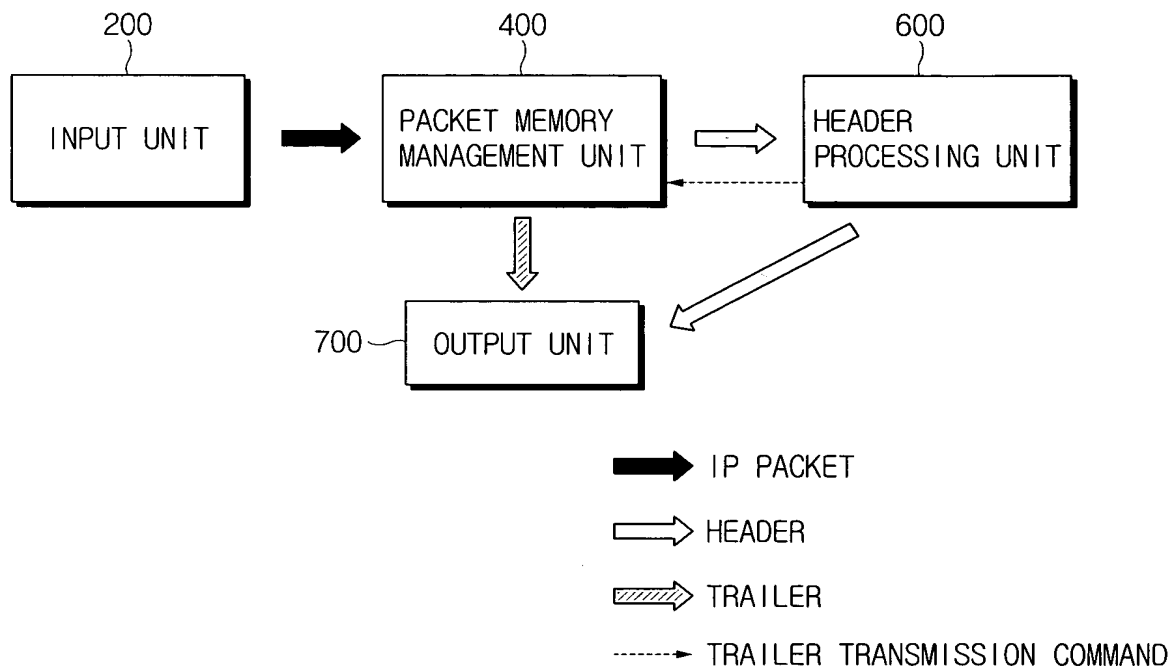


FIG. 4

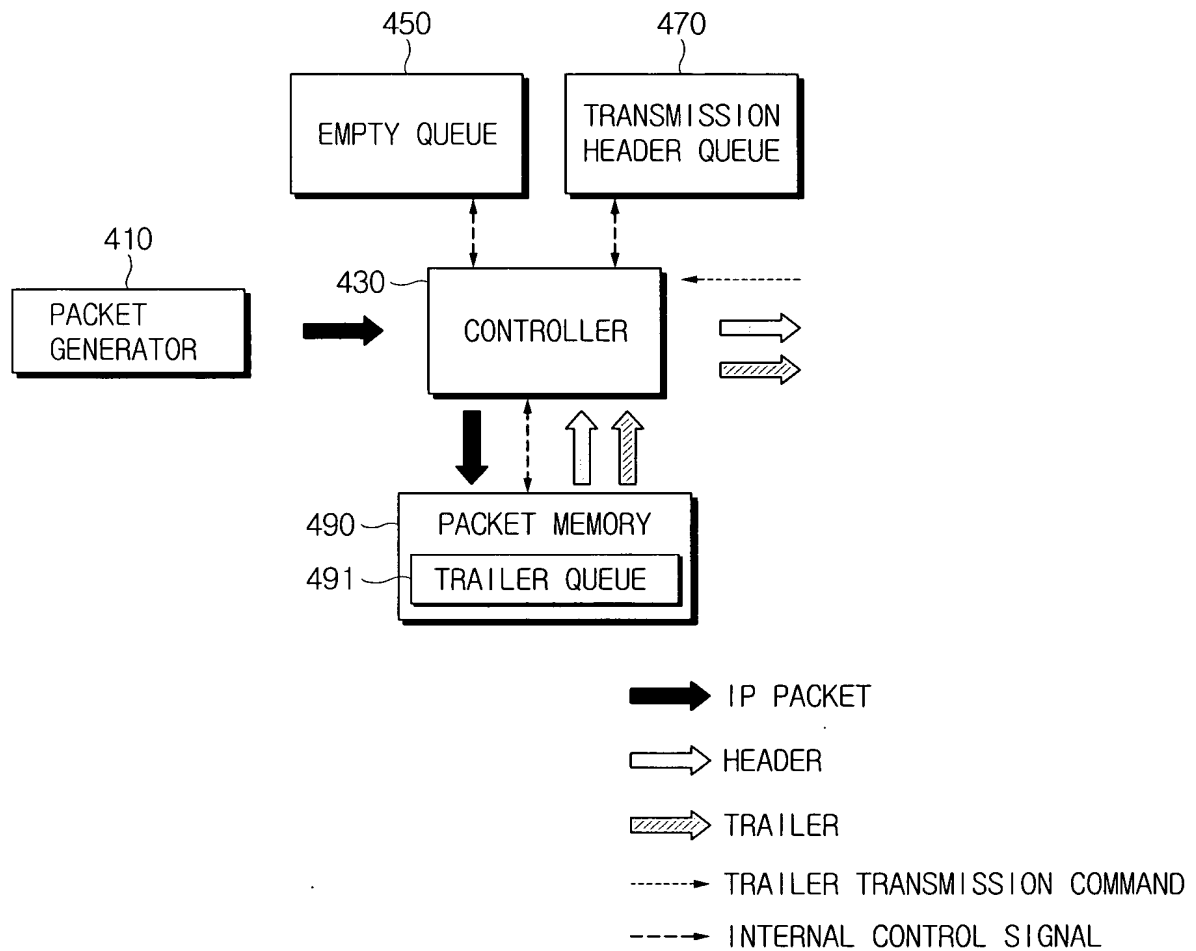


FIG. 5

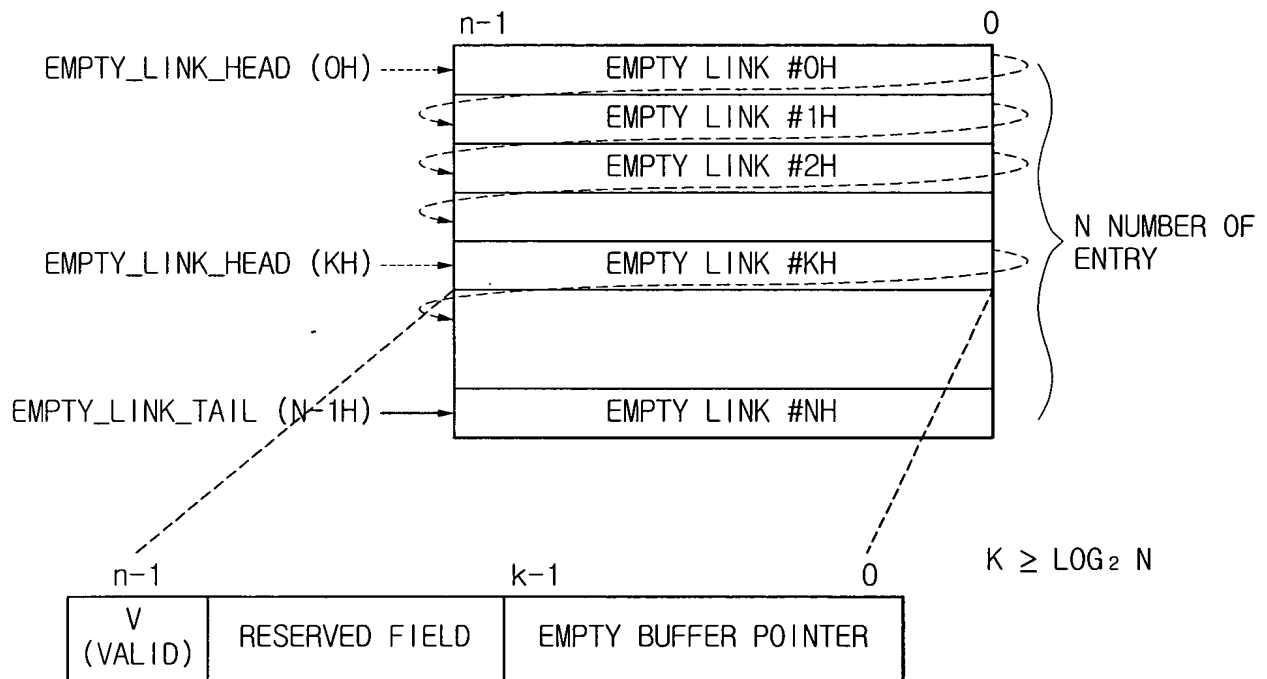


FIG. 6

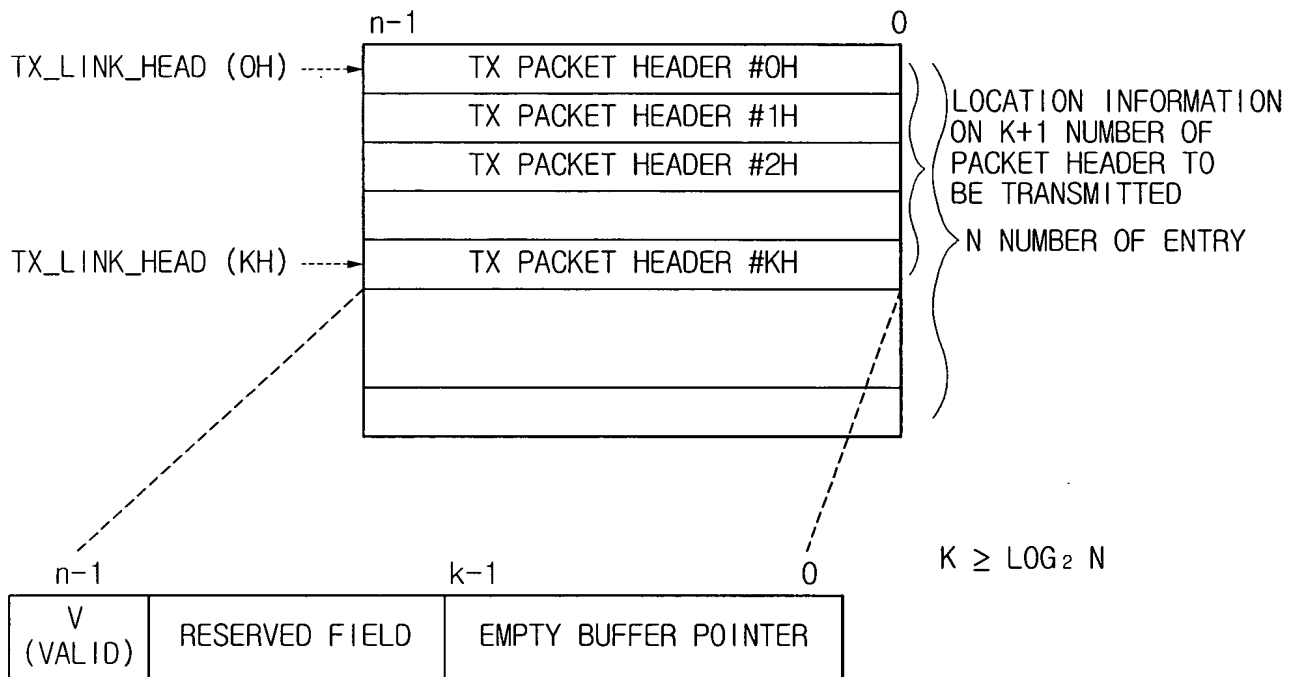
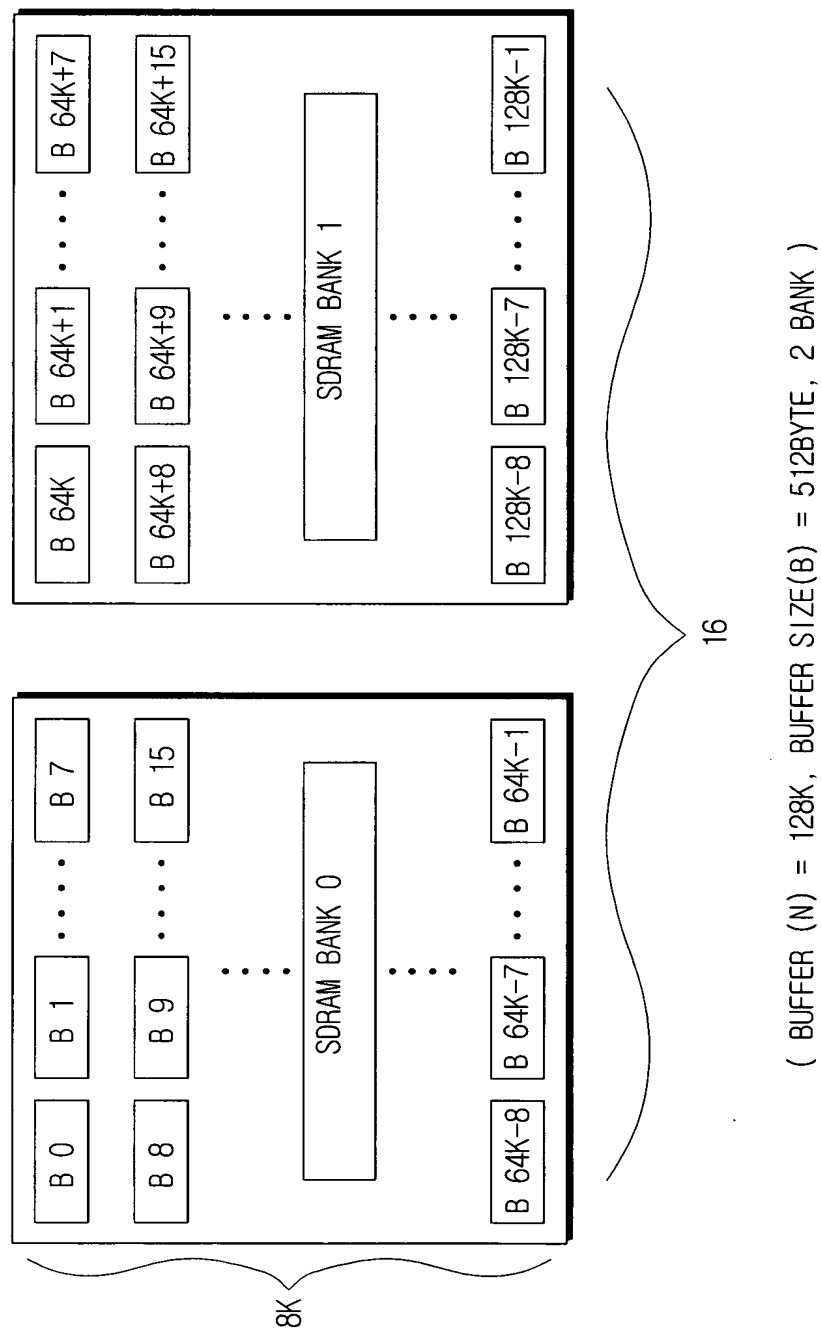


FIG. 7A



64 BIT PER A WORD

32 BYTE

V(VALID) : INDICATES WHETHER A CORRESPONDING BUFFER IS USED
H(HEAD) : INDICATES WHETHER A CORRESPONDING BUFFER IS A FIRST REGION OF A PDU. (TAG VALID)
T(TRAILER) : INDICATES WHETHER A CORRESPONDING BUFFER IS A TRAILER.
N(NEXT TRAILER EXIST) : MEANS THAT A NEXT TRAILER EXISTS AFTER THE CORRESPONDING BUFFER.
(NEXT BUFFER POINTER VALID)
P(PREVIOUS BUFFER POINTER VALID) : USED IN CASE OF CHANGING A DESCRIPTOR OF A PREVIOUS BUFFER DUE TO A PROBLEM OF PADDING ON RX OPERATION. SIGNIFICANT ONLY WHEN THE CORRESPONDING BUFFER IS USED AS A TRAILER.
PAYLOAD LENGTH IN BUFFER(BYTE) : STORES A VALID PAYLOAD LENGTH INTO THE CORRESPONDING BUFFER IN UNIT OF BYTE. THE VALID VALUES RANGE FROM 1 TO 480 BYTES (9 BIT USED)
NEXT BUFFER POINTER : POINTER VALUE OF A BUFFER CONNECTED AFTER THE CORRESPONDING BUFFER (17 BIT USED).
PREVIOUS BUFFER POINTER : POINTER VALUE OF A BUFFER CONNECTED BEFORE THE CORRESPONDING BUFFER (17 BITS USED).
PDU TAG RANGE(16 BYTE : 00_0010H ~ 00_0011H) : SIGNIFICANT ONLY WHEN THE CORRESPONDING BUFFER IS USED AS HEAD.

FIG. 8

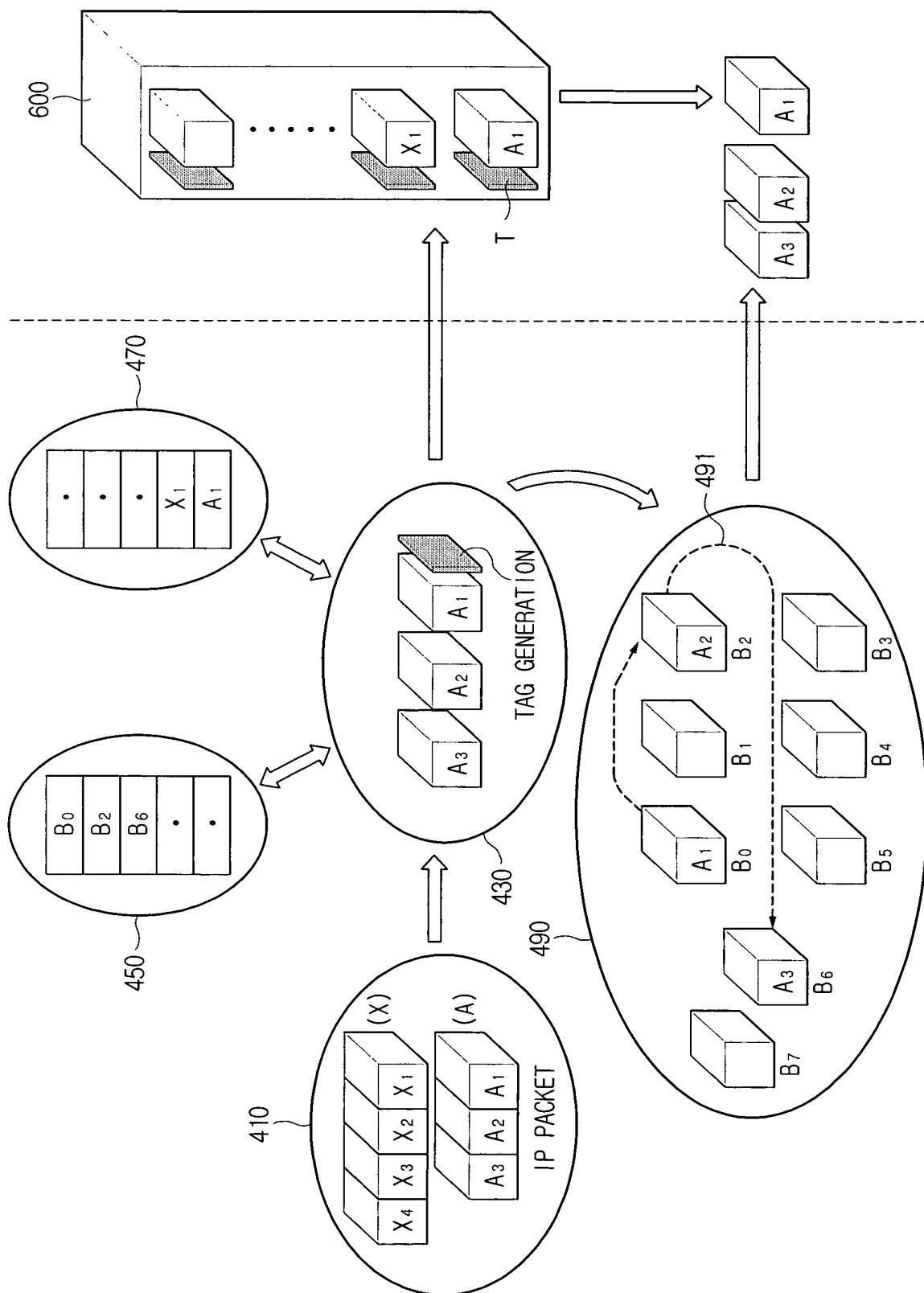


FIG. 9

